

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph at page 5, from lines 26-27, with the following paragraph:

Figs. 3A and 3B are a diagram of an embodiment of a system in accordance with the present invention;

Please replace the paragraph at page 5, from lines 28-29, with the following paragraph:

Figs. 4A and 4B are a flow diagram of an embodiment of a process in accordance with the present invention;

Please replace the paragraph at page 6, from lines 5-8, with the following paragraph:

Figs. 3A and 3B details an exemplary architecture for a system 100 in accordance with an embodiment of the present invention. This architecture represents a virtual data flow of Wireless Application Protocol (WAP) packets, in both the uplink and the downlink directions, between different modules of the system 100.

Please replace the paragraph at page 11, from lines 4-7, with the following paragraph:

Turning also to Figs. 4A and 4B, there is detailed a process in accordance with an embodiment of the present invention. This process is expressed by way of a flow diagram, an exemplary implementation of the architecture shown in Figs. 3A and 3B, and described above.

Please replace the paragraph at page 12, line 28, to page 13, line 4, with the following paragraph:

The process then moves to block 350. Here the content of the isolated transaction is identified. In accordance with the identified content type the content (typically WML) is split into elements. This list of elements is then pre-fetched as the elements are analyzed for the externally referenced data. According to the internally defined rules to obtain various desired data, the externally referenced data is scheduled for pre-fetching. This pre-fetching includes generation a WAP transaction on behalf of the WAP client. These generated transactions are sent to the WAP gateway 122 in the uplink direction (as detailed above). Block 350 is typically performed in accordance with the procedure detailed above for modules 276 and 278 of Figs. 3A and 3B.

Please replace the paragraph at page 13, from lines 12-13, with the following paragraph:

The procedures performed in blocks 352 and 354 are, for example, performed in SAR handler module 280 of Figs. 3A and 3B, in accordance with that described above.

Please replace the paragraph at page 14, from lines 5-11, with the following paragraph:

The core network 410 receives data packet traffic from the host network 414, and sends it, using its transmission control module 407, to cells 412 over links (as described above) or pipes 416. The cells 412 transmit the data traffic to WAP clients 411 over channels or links 418, typically radio channels or the like. The WAP clients 411, are similar to the WAP terminal or client(s) shown in Figs. 3A and 3B, and described above, and can be manned or unmanned devices, such as Personal Digital Assistants (PDAs), mobile/cellular phones, etc., able to receive data over channels or links 418.

Please replace the paragraph at page 14, from lines 12-16, with the following paragraph:

The GPRS monitor 402 is similar to the GPRS monitor 202 shown in Figs. 3A and 3B, and described above. QoS server 408 and traffic shaper 409 are also similar to the QoS server 204 and traffic shaper 208 shown in Figs. 3A and 3B and described above. The host network 414 is similar to the external or host network 130 shown in Figs. 3A and 3B and described above.